



**CAMOSUN COLLEGE**  
*School of Health & Human Services*  
*Dental Programs*

**DENA 120 Applied Dental Sciences 1**  
*Fall 2016*

**COURSE OUTLINE**

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The Approved Course Description is available on the web @

<http://camosun.ca/learn/calendar/current/web/dena.html>

⚡ *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records.*

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**1. Instructor Information**

<b>(a) Instructor</b>	Shelley Melissa
<b>(b) Office hours</b>	By appointment
<b>(c) Location</b>	Dental Building 015
<b>(d) Phone</b>	(250) 370-3228 <b>Alternative:</b> _____
<b>(e) E-mail</b>	Melissas@camosun.bc.ca
<b>(f) Website</b>	On D2L site

**2. Intended Learning Outcomes**

Upon successful completion of this course, a student will be able to:

1. Identify and explain the dentition, associated anatomical landmarks, supporting structures, occlusion, anomalies and pathology for dental assisting practice
2. Apply knowledge of the anatomical and physiological structures of the head, neck, and oral cavity to dental assisting practice
3. Explain basic concepts of radiation to support clients in making educated decisions on radiographic recommendations
4. Describe and recognize radiographic techniques and imaging equipment for appropriate application in the clinical setting
5. Explain safe radiation practices as they pertain to the protection of both the dental team and clients

## PROPOSED LEARNING EXPERIENCES

1. Lectures / discussion
2. Seminars
3. Assigned readings
4. Audiovisuals
5. Quizzes
6. Identification on students, manikins, models, skulls, and radiographs

### 3. Required Materials

#### (a) Texts

Modern Dental Assisting, Bird, Doni L., and Debbie S. Robinson. 11<sup>th</sup> edition. Elsevier Saunders, St. Louis, Missouri 2015.

Dental Radiography, Principles and Techniques, 5th ed., Iannucci, Joen M. & Howerton, Laura Jansen. Saunders Elsevier, St. Louis, Missouri 2017.

### 4. Course Content and Schedule

#### Calendar Description

Students will develop a basic understanding of anatomy, physiology and radiography for application in dental assisting practice. Learners will apply knowledge of head and neck anatomy, body systems, nerve innervation, tooth morphology, supporting structures, and common anomalies of the teeth in preparation for practice in the clinical setting.

Unit 1 – Dental Anatomy, Physiology and Anomalies

Unit 2 – Oral Anatomy and Physiology

Unit 3 – Dental Radiography I

#### Pre-requisites

Program admission

#### Co-requisites

None

#### Pre/Co Requisites

DENA 130, DENA 150

**Course Particulars**

(a) Credits 3.0

(b) Components

class 3.0 hrs; lab 0; seminar 0; practicum 0; out of class;  
0 other: community outreach

(c) Is the course available by distributed education? No

(d) Contact Hours

(Refer to CDA Program Fall 2015 Timetable for DENA 120 schedule)

Hours per week 3.0 hrs; # of weeks 14; this does not include final exam week.

Total contact hours 45\*

Additional hours of related clinic practice (lab / seminar) are taught in DENA 150

(e) Is prior learning assessment available for this course? No

**5. Basis of Student Assessment (Weighting)**

**EVALUATION**

	<u>Percentage of Semester Grade</u>	<u>Date</u>
Quizzes	10%	_____
Rad Assignment	5%	_____
Exam (Unit 1)	25%	_____
Exam (Unit 2)	25%	_____
Final Exam (Units 1 – 3)	35%	_____

## 6. Grading System

*The minimum grade for successful completion of DENA 120 is B-or 70%.*

- Standard Grading System (GPA)
- Competency Based Grading System

<http://www.camosun.bc.ca/policies/policies.php>

### A. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-	<b>Minimum Passing Grade for DENA 120 (70%)</b>	4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F		0

## B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://www.camosun.bc.ca/policies/E-1.5.pdf> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

## 7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

### LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Student Services or the College web site at <http://www.camosun.bc.ca>

### STUDENT CONDUCT POLICY

There is a Student Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section. <http://www.camosun.bc.ca/policies/policies.html>